

Purchase Order Receipt Listing

Friday, August 21, 2015 2:43:58 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO29494 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID/Vendor Name PO29494	1	VU-FUT001	Future-Alloys M7075T73B3.000X4. f 000		8/28/2015	8/21/2015	8.0800	\$111.32	0.0000	0	\$899.45
USD	No		7075-T73 Bar 3.0 x f 4.0 grain direction along 3" m133013		8.0800	DCUSER		\$899.45	0.0000	0	
	2		71425-30	Each	8/28/2015	8/21/2015	2.0000	\$20.00	0.0000	0	\$40.00
	No		PACKAGING/HAND LING CHARGE m133013		2.0000	DCUSER		\$40.00	0.0000	0	
	3		71401-45		8/28/2015	8/21/2015	1.0000	\$0.00	0.0000	0	\$0.00
	No		PROCUREMENT QUALITY CLAUSES m133013		1.0000	DCUSER		\$0.00	0.0000	0	
Total Received Quantity:											11.0800
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$939.45
Total Balance Due Quantity:											0.0000

FUTURE ALLOYS, INC.



20151 Bahama Street, Chatsworth, CA 91311 • 818-701-1144 • FAX 818-701-6182

INVOICE NO. 40299

Ship to:

Sold to:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7 Canada

1 of 2

DATE	TERMS	SHIP VIA	P.O. NO.	OUR ORDER #
8/20/2015	Net 30 Days	FoDe	29494	6350
QUANTITY	DESCRIPTION	LBS	UNIT PRICE	AMOUNT

2 pcs

7075 T7351 Plate 4.000" x 48.500" x 3.000" 27311

Kaiser Lot #663797A9 & 671231A9

2 pcs

Packaging charge

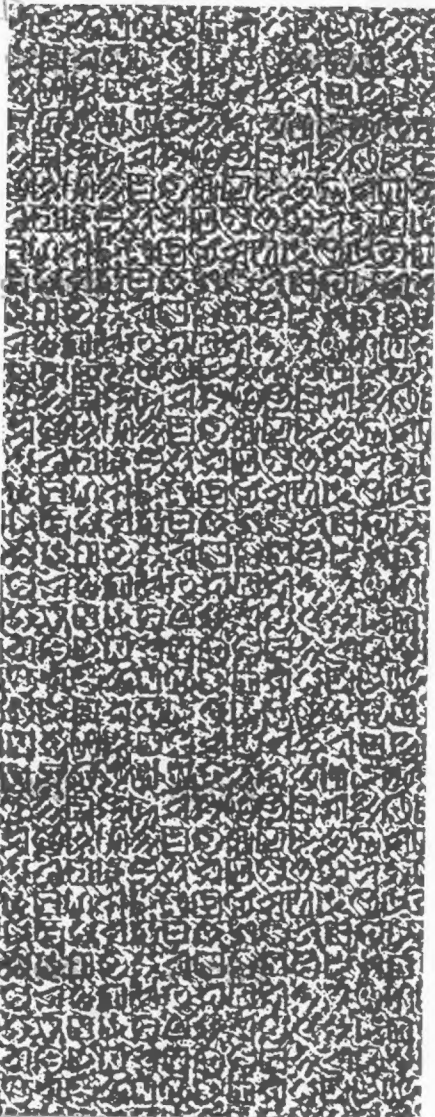
NOTES

Website: www.futurealloys.net

Subject to the terms and conditions on the reverse side.

SHIPPER

THANK YOU



KAISER ALUMINUM
Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4319003

SHIP TO:	
SOLD TO:	

CUSTOMER PO NUMBER:	P00016523WC
WORK PACKAGE:	
CUSTOMER PART NUMBER:	
SHIP RUN/LOAD:	102811/9
GOVT CONTRACT NUMBER:	
KAISER ORDER NO:	1163242
LINE ITEM:	5
SHIP DATE:	23-DEC-2013
ALLOY:	7075
CLAD:	BARE
TEMPER:	T7361
PRODUCT DESCRIPTION:	Kaiser Select® Plate
WEIGHT SHIPPED:	14184 LB
QUANTITY:	5 PCS EST.
TRUCK B/L #:	2045551
GAUGE:	4.0000 IN
DIA/TERMINAL:	48.500 IN
LENGTH:	144.500 IN
	(1231.9 MM)
	(3670.3 MM)

MHU 1740564: LOT 663797A9: 1 pieces;
MHU 1740565: LOT 663797A9: 1 pieces;
MHU 1740567: LOT 663950A4: 1 pieces;
MHU 1740568: LOT 663950A4: 1 pieces;
MHU 1740571: LOT 666324A9: 1 pieces;

Certified Specifications

DAS
14
9-89

ASTM B 209/Rev10

AMS-QQ-A-250/12
Test Results

Melted in USA

AMS 4078/RevJ
Test Code: 1512
Lot: 663797A9
Cast 584
Drop 49
Ingot 4

Tensile: (ASTM E8/B567)
(EN 2002-1)
Temp: T7361
Dir / # Tests: LT / 2 (Min:Max)
Ultimate KSI (MPA): 62.8 : 63.6
Yield KSI (MPA): 49.6 : 49.8
Elongation %: 11.2 : 11.4

(ASTM E1004)
(EN 2004-1)
Conductivity %IACS: 42.6 Min
(MS/M): 24.7 Min

42.7 Max
24.8 Max

(ASTM E1251)
Chemistry: Actual(wt%)
SI 0.06
FE 0.15
CU 1.4
MN 0.02
MG 2.4
CR 0.19
ZN 5.8
TI 0.03
V 0.01
ZR 0.01
OTHER 0.05
TOT 0.05



Heat # 663950A4



Heat # 666324A9

Tracer # 90015753

Tracer # 90015761

Tracer # 90015762

Tracer # 90015763

CERTIFIED TEST REPORT

Serial Number
4319003

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

KAISER
ALUMINUM

Lot: 663950A4 Cast 584 Drop 49 Ingot 5 Melted in USA

(ASTM E8/B557)
(EN 2002-1)
Tensile: Temper Dir / # Tests
T7351 LT / 2 (Min:Max)
63.6 : 64.4
Yield KSI (MPA)
50.2 : 50.7
Elongation %
11.7 : 11.8
(346 : 350)

(ASTM E1004)
(EN 2004-1)
Conductivity %IACS :
(MS/M) :
42.3 Min
24.5 Min
42.3 Max
24.5 Max

(ASTM E1251)

Chemistry: Actual(wt%)
SI 0.06 FE 0.15 CU 1.4 MN 0.02 MG 2.4 CR 0.19 ZN 5.8 TI 0.03 V 0.01 ZR 0.01
OTHER TOT 0.05
Melted in USA

(ASTM E8/B557)

(EN 2002-1)
Tensile: Temper Dir / # Tests
T7351 LT / 2 (Min:Max)
63.1 : 63.9
Yield KSI (MPA)
49.8 : 50.9
Elongation %
10.8 : 10.8
(343 : 351)

(ASTM E1004)
(EN 2004-1)
Conductivity %IACS :
(MS/M) :
42.0 Min
24.4 Min
42.6 Max
24.7 Max

(ASTM E1251)

Chemistry: Actual(wt%)
SI 0.07 FE 0.19 CU 1.5 MN 0.02 MG 2.5 CR 0.20 ZN 5.8 TI 0.03 V 0.01 ZR 0.01
OTHER TOT 0.05
ALLOY LIMITS

7075
MIN(wt%) 0.00 0.00 0.00 1.2 0.00 2.1 0.18 5.1 0.00 0.00 0.05 0.05
MAX(wt%) 0.40 0.50 2.0 0.30 2.9 0.28 6.1 0.20 0.05 0.05 0.05 0.15
Aluminum Remainder



Heat # 666324A9

Tracer # S0015764

Tracer # S0015763

Tracer # S0015762

Tracer # S0015761

Tracer # S0015753

KAISER ALUMINUM
 Trentwood Works - Spokane, WA 99215
 Phone: (800) 367-2586
CERTIFIED TEST REPORT
 Serial Number 4319627

CUSTOMER PO NUMBER:		WORK PACKAGE:		CUSTOMER PART NUMBER:		SHIP RUN/LOAD:		GOVT CONTRACT NUMBER:	
P00016523WC						102815/18			
KAISER ORDER NO:		LINE ITEM:		SHIP DATE:		CLAD:		PRODUCT DESCRIPTION:	
1163242		5		30-DEC-2013		7075		Kaiser Select® Plate	
WEIGHT SHIPPED:		QUANTITY:		TRUCK B/L #:		GAUGE:		DIAMETER/WIDTH:	
5672 LB		2 PCS EST.		2045639		4.0000 IN		48.500 IN	
								(1231.9 MM)	
								LENGTH:	
								144.500 IN	
								(3670.3 MM)	

MHU 1744145: LOT 671231A9: 1 pieces;
 MHU 1744146: LOT 671231A9: 1 pieces;

Certified Specifications

DAS 14 150824
 9-89
 ASTM B 209/Rev10

AMS-QQ-A-250/12

Test Results

Lot: 671231A9 Cast 589 Drop 16 Ingot 4 Melted in USA

(ASTM E8/B567)

(EN 2002-1)

Tensile: Temper

77351

Dir / # Tests
 LT / 2 (Min:Max)

Ultimate KSI (MPA)
 64.5 : 65.0
 (445 : 448)

Yield KSI (MPA)
 52.0 : 52.8
 (359 : 364)

Elongation %
 11.2 : 11.6

(ASTM E1004)
 (EN 2004-1)
 Conductivity %IACS :
 (MS/M) :

42.6 Min
 24.7 Min

42.9 Max
 24.9 Max

(ASTM E1251)

Chemistry:

Actual(wt%)

SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
0.07	0.17	1.4	0.02	2.4	0.19	5.7	0.03	0.01	0.01	0.05

ALLOY LIMITS

SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	EACH	0.05
0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT	0.15

Aluminum Remainder

Heat # 671231A9



Tracer # S0015766

Heat # 671231A9



Tracer # S0015766

CERTIFIED TEST REPORT

Serial Number
4319627

Trantwood Works - Spokane, WA 99215
Phone: (800) 367-2586

KAISER
ALUMINUM



Heat # 671231A

Tracer # 80015766

Tracer # 90015765

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser), is ISO-9001:2008/AS9100C certified and hereby certifies that all material shipped under this order:
* has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements.
* was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
* has been thermally processed in compliance with AMS 2772, where applicable.
* is mercury free, within the limits of detection of ASTM E1251 (C = 1 ppm).
* is in compliance with RoHS 2, European Union Directive 2011/65/EU.
* is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.
* is in compliance with regularly monitored updates to the European Chemical Agency, ECHA, REACH regulations, (EC) n°1907/2006.
Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

James Hemenway

JAMES HEMENWAY, LABORATORIES SUPERVISOR

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: H2075T 73 DATE: 15/08/24
 MATERIAL CERT REC'D: 4.0 QUANTITY RECEIVED: 8
 QUANTITY INSPECTED: 8 QUANTITY REJECTED: _____
 THICKNESS ORDERED: 3.0 X 4.0 THICKNESS RECEIVED: 3.0 X 3.965
 SHEET SIZE ORDERED: _____ SHEET SIZE RECEIVED: _____
 PO / BATCH NO.: 29494/M133013

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y	
CORRECT FINISH	<input checked="" type="radio"/> Y	
CORROSION	<input checked="" type="radio"/> Y	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	
PHOTO REQUIRED	<input checked="" type="radio"/> Y	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	
CORRECT # ON THE MATERIAL	<input checked="" type="radio"/> Y	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.	TYPE OF MATERIAL	SIZE OF TEST SAMPLE	HARDNESS / DUROMETER READING
	HRC		
	HRB		
	DUR A		
	DUR D		

Testers located in the Quality Office

QC 18 INSPECTION
 ENGINEERING SIGNOFF (if required)
 INSPECTED BY: 14
 DATE: 15/08/24
 SIGNED OFF BY: _____
 DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER
Purchase Order ID PO29494
Purchase Order Date 8/18/2015
PO Print Date 8/18/2015
Page Number 1 of 2

Order From :

VU-FUT001

Ship To : DART AEROSPACE LTD

FUTURE ALLOYS
20151 BAHAMA STREET
CHATSWORTH, CA 91311
USA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED

Contact Name	Vendor Phone	800-750-7075	Buyer	Chantal Lavoie
Ship To Contact	Customer POID	10127-2607	Customer Tax #	
Ship To Phone	Terms	Net 30	Currency	USD
Ship Via:	FOB	Destination-Collect		
Ship Acct:				

Line	Reference	Description/	Reg Date/	CD	Reg Qty/	Unit of	Measure	Extended
Nbr	Vendor Part Number	Mfg ID	Taxable					Price
Line Comments								
Delivery Comments								
1	M7075T73B3.000X4.000	7075-T73 Bar 3.0 x 4.0	8/28/2015		8.08			\$899.45

grain direction along 3"

Yes

8/28/2015

MATERIAL: 7075-T73/T73510T73511 BAR AS PER AMS-QQ-A-200/11 OR AMS-QQ-A-225/9 OR AMS 4124 OR AMS-QQ-A-250/12 OR AMS 4078
NOTE: GRAIN DIRECTION MUST RUN ALONG 3" WIDE

2	71425-30	PACKAGING/HANDLING CHARGE	8/28/2015		2.00	Each		\$40.00
Line Total: \$899.45								
Line Total: \$40.00								

Note:

8/18/2015

PURCHASE ORDER

Purchase Order ID PO29494

Purchase Order Date 8/18/2015

PO Print Date 8/18/2015

Page Number 2 of 2



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

Order From :

FUTURE ALLOYS
20151 BAHAMA STREET
CHATSWORTH, CA 91311
USA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

800-750-7075

Buyer

Chantal Lavoie

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

PROUREMENT
QUALITY CLAUSES

8/28/2015
No

1.00

\$0.00

\$0.00

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

645-08-2

Line Total:

\$0.00

PO Total:

\$939.45

CC

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Date: 8/18/2015

Change Nbr: 1



FUTURE ALLOYS, INC.

20151 Bahama Street, Chatsworth, CA 91311 PH: 818-701-1144 FAX: 818-701-6182

.... MATERIAL QUOTATION

SOLD TO:

Dart Aerospace
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

SHIP TO:

DATE: Aug. 17, 2015
BUYER: Chantal Lavoie
SELLER: Joe Jansen
P.O. #:

F.O.B. Chatsworth, CA

SHIP VIA: Your FedEx acct TERMS: Net 30 Days

RESALE/TAXABLE:

QTY. ALLOY/TEMPER

SIZE

FORM

UNIT PRICE

APPROX. WT.

2 pcs. 7075 T7351

4.000" x 48.500" x 3.000" grain

Plate

\$454.18 each

Handling/packaging charges:

(For 2 packages prepared for FedEx P1 delivery
and shipped on your FedEx account number.)

\$20.00 each

F.O.B. Future Alloys, Inc., Chatsworth, CA 91311

Lead time: 4 - 5 working days to process for pickup by FedEx.

TOTAL COST FOR THIS ORDER:

\$948.36 TOTAL

COMMENTS:

Material is domestic with mill test reports per AMS-QQ-A-250/12.

SHIPPING INSTRUCTIONS:

If you would like to order this exactly as quoted, please sign, date and fax or email back. Chantal Lavoie
Prices are valid for 10 days. SUBJECT TO PRIOR SALE. Thank you for the opportunity to quote on your material requirements.

THANK YOU